

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - 28-Sep-2021

Time: Three Hours

Max. Marks: 100 Marks

PHYSIOLOGY – II (RS3)

Q.P. CODE: 1078

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

1. Describe in detail the synthesis and functions of thyroid hormones. Add a note on Hypothyroidism
2. Enumerate the NUCLEI of Hypothalamus. Explain the connections and functions of hypothalamus

SHORT ESSAYS

10 x 5 = 50 Marks

3. Explain Neuroendocrine reflex
4. Polysomnography
5. Functions of Thalamus
6. Stretch Reflex
7. Taste pathway
8. Referred pain and its theories
9. Female contraceptive methods
10. Biosynthesis of adrenal cortical hormones
11. Ascending tracts of spine cord
12. Erlanger's classification of nerve fibres

SHORT ANSWERS

10 x 3 = 30 Marks

13. What is Bell-Magendie law?
14. Actions of insulin
15. Functions of prefrontal lobe
16. What is Endo cochlear potential?
17. Wernicke's area of cerebral cortex
18. What is Stereognosis? Where is its centre?
19. What is Summation? Mention its types
20. Layers of Retina
21. What is the difference between the spasticity and Rigidity?
22. Impedence matching of middle ear
